

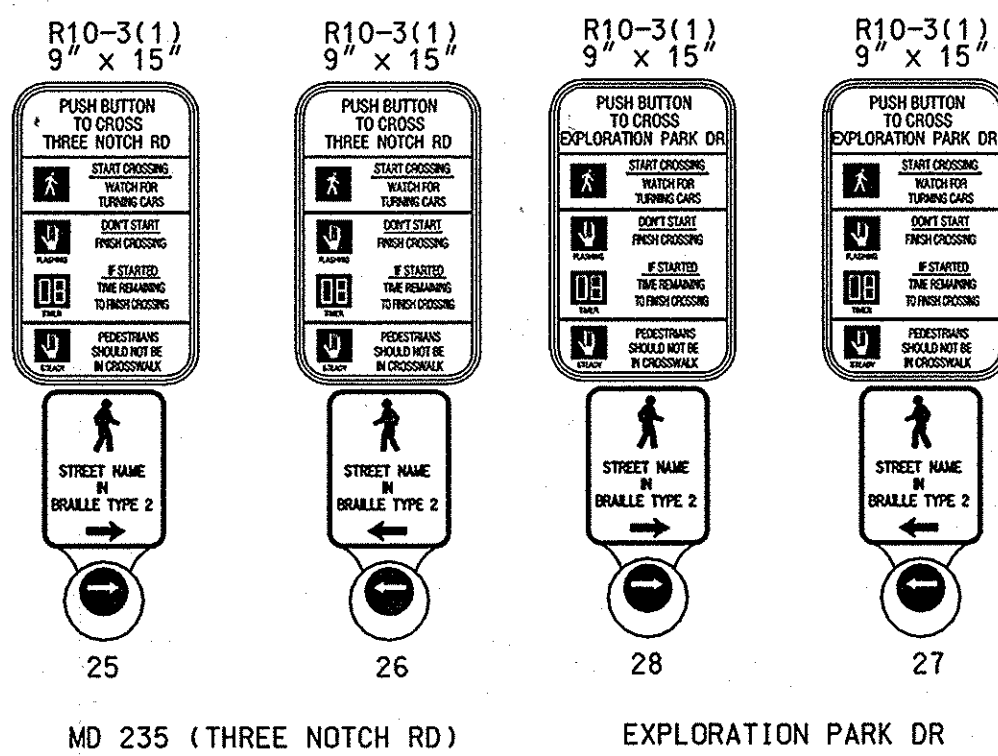
DRILL HOLES

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BORDER REV. DATE: JUNE 1, 2004

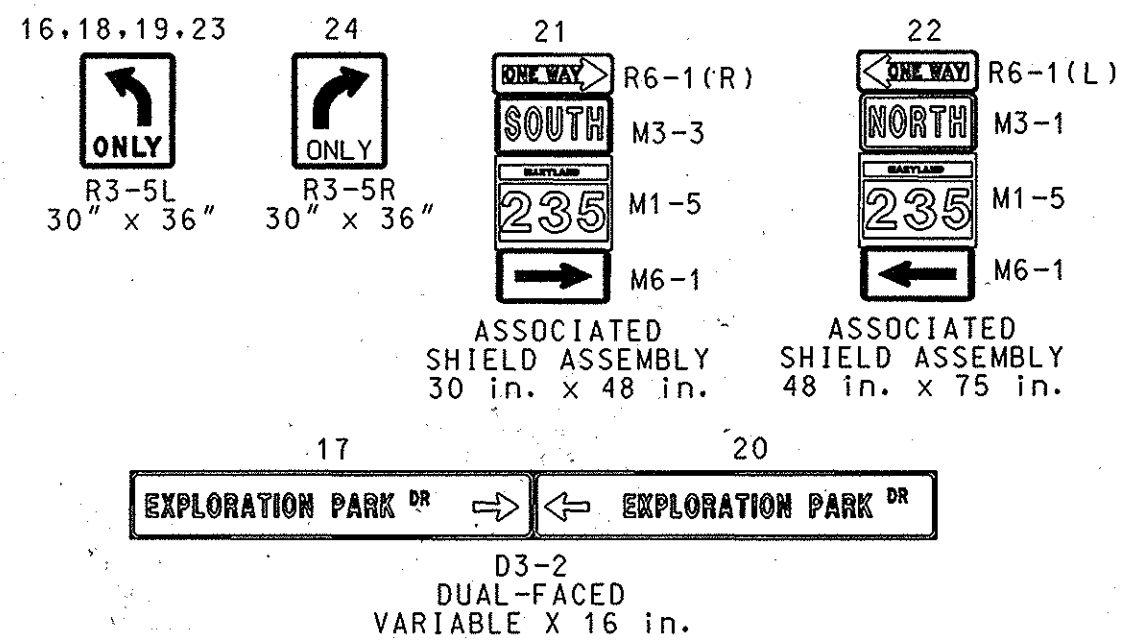
## PROPOSED SIGNS



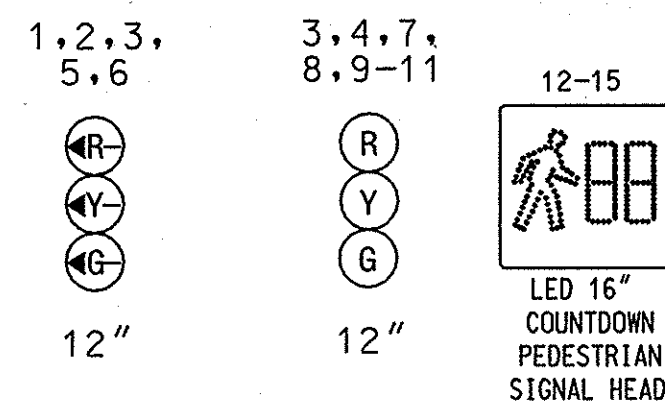
MD 235 (THREE NOTCH RD)

EXPLORATION PARK DR

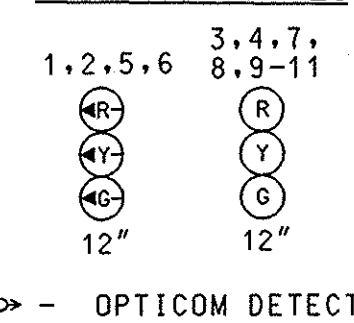
## EXISTING SIGNS



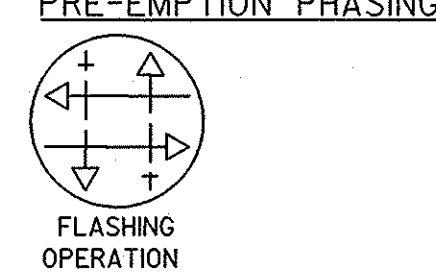
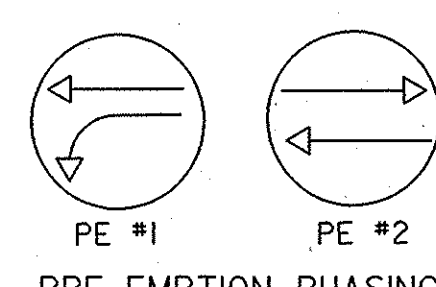
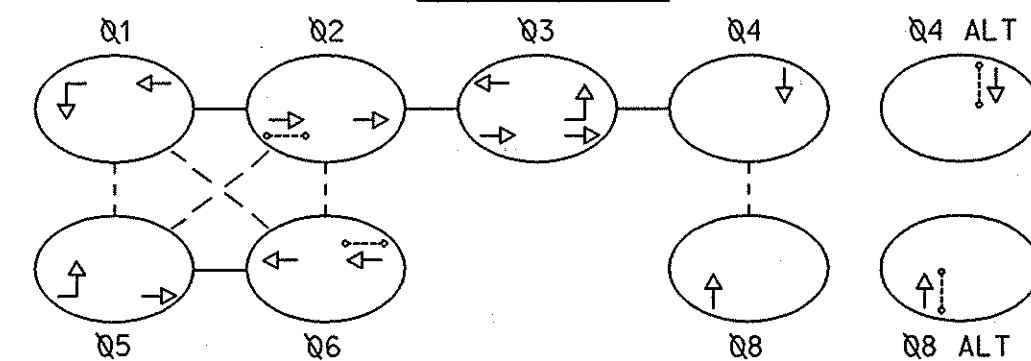
## PROPOSED SIGNALS



## EXISTING SIGNALS



## NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

- GENERAL NOTES:**
1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying MISS UTILITY prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
  2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
  3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
  4. Poles are to be located so that they can be activated by a person in a wheelchair from a 60" x 60" level landing area. A level landing area is an area with a cross slope of less than or equal to 2%.
  5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. All work must be halted until the Project Engineer has obtained an approved location or if necessary a design waiver is obtained.
  6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18".
  7. The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton.
  8. The contractor shall remove all unused wiring.

## CONSTRUCTION DETAILS

- A. Install 10' breakaway pedestal pole with countdown pedestrian signal heads and APS pushbutton with pedestrian education sign (R10-3(1)) (Notes: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install detectable warning surface at existing handicap ramp.
- C. Install proposed parallel handicap ramp (STD. No. MD 655.12) with detectable warning surface (STD. No. MD 655.40). (Note: Contractor shall install 5' flat area from face of curb to back of sidewalk.)
- D. Install proposed sidewalk combination handicap ramp (STD. No. MD 655.13) with detectable warning surface (STD. No. MD 655.40)
- E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- F. Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)
- G. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)
- H. Contractor shall cut back 5' of existing median nose.
- J. Use existing handhole.
- K. Use existing conduit.
- L. Use existing cabinet and controller.
- M. Remove existing pedestal pole and all signal equipment associated with this pole.
- N. Remove existing pedestrian signal head and any other pedestrian associated equipment from signal pole. Remove existing signal heads and replace with proposed LED signal heads.
- O. Remove existing pavement marking.
- P. Remove existing signal heads and replace with proposed LED signal heads

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

**SHA**STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATIONMD 235 @ EXPLORATION  
PARK DRIVE

LEXINGTON PARK, MARYLAND

## TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE APRIL 2000 CONTRACT NO.

DESIGNED BY DED / SMH COUNTY ST. MARY'S

DRAWN BY DK / DLA / SMH LOGMILE 18023513.13

CHECKED BY BJH TMS NO. 1970

F.A.P. NO. TOD NO.

TS NO. 3787C PS-2 DRAWING NO. 1 OF 2 SHEET NO. OF

PLOTTED: FRIDAY, JANUARY 18, 2008 AT 9:41:25 AM  
FILE: 5042C.EXLPOR.PLDGN